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PCT/US00/28158

10 Rev. 2.0 MAR 2002

SEQUENCE LISTING

<110> BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
AHUJA, SUNIL
GONZALES, ENRIQUE
MUMMIDI, SRINIVAS

<120> SCREENING FOR DISEASE SUSCEPTIBILITY BY GENOTYPING THE CCR5 AND CCR2
GENES

<130> 4003.001610

<140> UNKNOWN

<141> 2000-10-12

<150> 60/159,137

<151> 1999-10-12

<160> 72

<170> PatentIn version 3.0

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<223> WHEREIN Y = T OR C

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<211> 31

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<213> SYNTHETIC OLIGONUCLEOTIDE

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<222> (16)..(19)

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<223> WHEREIN R = G OR A

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31

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ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcccg tgagcccata 180
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ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca 180
tagttaaaac tctttagaca acaggttgtt tccgtttaca gagaacaata atattgggtg 240
gtgagcatct gtgtgggggt tgggggtggga taggggatac ggggagagtg gagaaaaagg 300
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<223> WHEREIN R = A OR G

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<223> WHEREIN Y = C OR T

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ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca      180
tagttaaaac tctttagaca acaggttggt tccgtttaca gagaacaata atattgggtg      240
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atttaactcc accctccttc aaaagaaaca gcatttccta cttttatact gtctatatga      780
ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttcccct acaagaaact      840
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 ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca 180
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 ccagtgagaa aagcccgtaa ataaactttc agaccagaga tctattctct agcttatttt 660
 aagctcaact taaaaggaag aactgttctc tgattctttt cgccttcaat acacttaatg 720
 atttaactcc accctccttc aaaagaaaca gcattyccca cttttatact gtctatatga 780
 ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttcccct acaagaaact 840
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 ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca 180
 tagttaaaac tctttagaca acagggtttt tccgtttaca gagaacaata atattgggtg 240
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ccagtgagaa aagcccgtaa ataaactttt agaccagaga tctattctct agcttatttt      660
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atttaactcc accctccttc aaaagaaaca gcatttctta cttttatact gtctatatga      780
ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttcccct acaagaaact      840
ctccccggta agtaacctct cagctgcttg gcctgttagt tagcttctga gatgagtaaa      900
agactttaca ggaaacccat agaagac                                           927

```

```

<210> 70
<211> 927
<212> DNA
<213> SYNTHETIC OLIGONUCLEOTIDE

```

```

<220>
<221> misc_feature
<222> (177)..(494)
<223> WHEREIN Y = C OR T

```

```

<400> 70
cttcagatag attatatctg gagtgaagaa tcttgcacc tatgtatctg gcatagtgtg      60
agtcctcata aatgcttact ggtttgaagg gcaacaaaat agtgaacaga gtgaaaatcc      120
ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagycca      180
tagttaaaac tctttagaca acaggttggt tccgtttaca gagaacaata atattgggtg      240
gtgagcatct gtgtgggggt tgggggtggga taggggatac ggggagagtg gagaaaaagg      300
ggacacaggg ttaatgtgaa gtccaggatc cccctctaca tttaaagttg gtttaagttg      360
gctttaatta atagcaactc ttaagataat cagaattttc ttaaccttty agccttactg      420
ttgaaaagcc ctgygatctt gtacaaatca tttgcttctt ggatagtaat ttcttttact      480
aaaatgtggg cttytgacta gatgaatgta aatgtttctt tagctctgat atcctttatt      540
ctttatattt tctaacagat tctgtgtagt gggatgagca gagaacaaaa acaaaataat      600
ccagtgagaa aagcccgtaa ataaaccttc agaccagaga tctattctct agcttatttt      660
aagctcaact taaaaagaag aactgttctc tgattctttt cgccttcaat acacttaatg      720
atttaactcc accctccttc aaaagaaaca gcatttctta cttttatact gtctatatga      780
ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttcccct acaagaaact      840
ctccccggta agtaacctct cagctgcttg gcctgttagt tagcttctga gatgagtaaa      900

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agactttaca ggaaacccat agaagac

927

<210> 71
 <211> 927
 <212> DNA
 <213> SYNTHETIC OLIGONUCLEOTIDE

<220>
 <221> misc_feature
 <222> (94)..(895)
 <223> WHEREIN R = A OR G

<220>
 <221> misc_feature
 <222> (209)..(880)
 <223> WHEREIN Y = C OR T

<400> 71
 cttcagatag attatatctg gagtgaagaa tcttgccacc tatgtatctg gcatagtgtg 60
 agtcctcata aatgcttact ggtttgaagg gcarcaaaat agtgaacaga gtgaaaatcc 120
 ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca 180
 tagttaaacc tctttagacr acaggttgyt tccgtttaca gagaacaata atattgggtg 240
 gtgagcatct gtgtgggggt tgggggtggga taggggatac ggggagagtg grgaaaaagg 300
 ggacacaggg ttaatgtgaa gtccaggatc cccctctaca tttaaagtgt gtttaagtgt 360
 rctttaatta atagcaactc ttaagataat cagaattttc ttaacctttt agccttactg 420
 ttgaaaagcc ctgtgatctt gtacaaatca tttgcttctt ggatagtaat ttcttttact 480
 aaaatgtggg cttttgacta gatgaatgta aatgttcttc tagctctgat atccttttatt 540
 ctttatatct tctaacagat tctgtgtagt gggatgagca gagaacaaaa acaaaataat 600
 ccagtggaaa aagcccgtaa ataaaccttc agaccagaga tctattctct agcttatctt 660
 aagctcaact taaaaagaag aactgytctc tgattctttt cgccttcaat acacttaatg 720
 atttaactcc accctccttc aaaagaaaca gcatttctta cttttatact gyctatatga 780
 ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttcccct acaagaaact 840
 ctccccggta agtaacctct cagctgcttg gcctgttagy tagcttctgr gatgrgtaaa 900
 agactttaca ggaaacccat agaagat 927

<210> 72
 <211> 927
 <212> DNA
 <213> SYNTHETIC OLIGONUCLEOTIDE

<220>
 <221> misc_feature

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<222> (718) .. (925)

<223> WHEREIN R = A OR G

<400> 72

cttcagatag attatatctg gagtgaagga tcctgccacc tatgtatctg gcatagtgtg	60
agtcctcata aatgcttact ggtttgaagg gcaacaaaat agtgaacaga gtgaaaatcc	120
ccactaagat cctgggtcca gaaaaagatg ggaaacctgt ttagctcacc cgtgagccca	180
tagttaaaac tctttagaca acaggttggt tccgtttaca gagaacaata atattgggtg	240
gtgagcatct gtgtgggggt tgggggtggga taggggatac ggggagagtg gagaaaaagg	300
ggacacaggg ttaatgtgaa gtccaggatc cccctctaca tttaaagttg gtttaagttg	360
gctttaatta atagcaactc ttaagataat cagaattttc ttaacctttt agccttactg	420
ttgaaaagcc ctgtgatctt gtacaaatca tttgcttctt ggatagtaat ttcttttact	480
aaaatgtggg cttttgacta gatgaatgta aatgttcttc tagctctgat atcctttatt	540
cttttatattt tctaacagat tctgtgtagt gggatgagca gagaacaaaa acaaaataat	600
ccagtgagaa aagcccgtaa ataaaccttc agaccagaga tctattctct agcttatttt	660
aagctcaact taaaaagaag aactgttctc tgattctttt cgccttcaat acacttartg	720
atttaactcc accctccttc aaaagaaaca gcatttctta cttttatact gtctatatga	780
ttgatttgca cagctcatct ggccagaaga gctgagacat ccgttcccct acaagaaact	840
ctccccggta agtaacctct cagctgcttg gcctgtagt tagcttctga ratgagtaaa	900
agactttaca ggaaacccat agaarak	927